

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 OCT 23 The Derwent World Patents Index suite of databases on STN
has been enhanced and reloaded
NEWS 4 OCT 30 CHEMLIST enhanced with new search and display field
NEWS 5 NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 6 NOV 10 CA/CAPLUS F-Term thesaurus enhanced
NEWS 7 NOV 10 STN Express with Discover! free maintenance release Version
8.01c now available
NEWS 8 NOV 20 CA/CAPLUS to MARPAT accession number crossover limit increased
to 50,000
NEWS 9 DEC 01 CAS REGISTRY updated with new ambiguity codes
NEWS 10 DEC 11 CAS REGISTRY chemical nomenclature enhanced
NEWS 11 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and
functionality
NEWS 13 DEC 18 CA/CAPLUS pre-1967 chemical substance index entries enhanced
with preparation role
NEWS 14 DEC 18 CA/CAPLUS patent kind codes updated
NEWS 15 DEC 18 MARPAT to CA/CAPLUS accession number crossover limit increased
to 50,000
NEWS 16 DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 17 DEC 27 CA/CAPLUS enhanced with more pre-1907 records
NEWS 18 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS 20 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 21 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22 JAN 22 CA/CAPLUS updated with revised CAS roles
NEWS 23 JAN 22 CA/CAPLUS enhanced with patent applications from India
NEWS 24 JAN 29 PHAR reloaded with new search and display fields
NEWS 25 JAN 29 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 26 FEB 13 CASREACT coverage to be extended
NEWS 27 Feb 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 28 Feb 15 RUSSIAPAT enhanced with pre-1994 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:13:26 ON 20 FEB 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:13:36 ON 20 FEB 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6

DICTIONARY FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

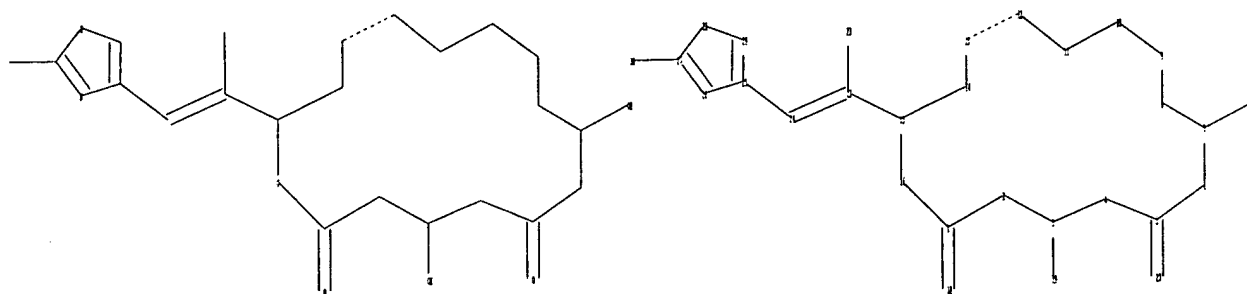
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10520766\Struc 2.str



```

chain nodes :
18 19 20 21 22 23 24 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 25 26 27 28 29
chain bonds :
1-18 3-19 5-20 7-21 15-22 22-23 22-24 24-25 27-30
ring bonds :
1-2 1-16 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14
14-15 15-16 25-26 25-29 26-27 27-28 28-29
exact/norm bonds :
1-2 1-16 1-18 2-3 3-4 3-19 4-5 5-6 5-20 6-7 7-8 7-21 8-9 9-10 10-11
11-12 12-13 13-14 14-15 15-16 25-26 25-29 26-27 27-28 28-29
exact bonds :
15-22 22-23 22-24 24-25 27-30

```

G1:O,N

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:CLASS

```

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

10520766a.trn

=> 11

SAMPLE SEARCH INITIATED 17:13:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 66 TO ITERATE

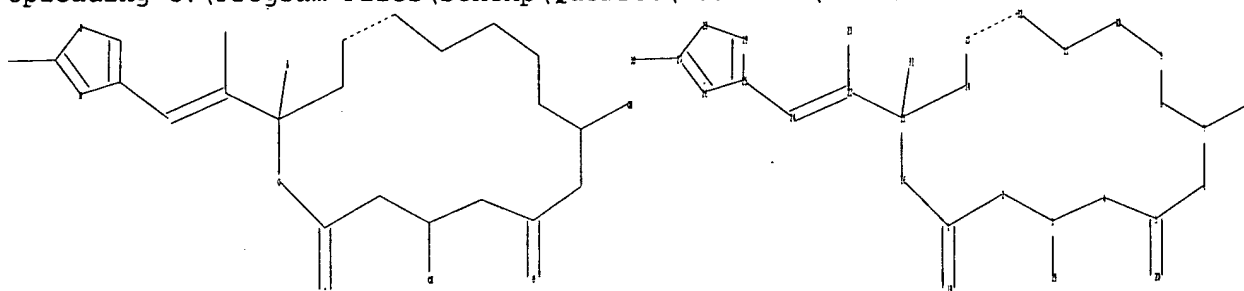
100.0% PROCESSED 66 ITERATIONS 42 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 833 TO 1807
PROJECTED ANSWERS: 452 TO 1228

L2 42 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\10520766\Struc 3.str



chain nodes :
18 19 20 21 22 23 24 30 31
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 25 26 27 28 29
chain bonds :
1-18 3-19 5-20 7-21 15-22 15-31 22-23 22-24 24-25 27-30
ring bonds :
1-2 1-16 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14
14-15 15-16 25-26 25-29 26-27 27-28 28-29
exact/norm bonds :
1-2 1-16 1-18 2-3 3-4 3-19 4-5 5-6 5-20 6-7 7-8 7-21 8-9 9-10 10-11
11-12 12-13 13-14 14-15 15-16 15-31 25-26 25-29 26-27 27-28 28-29
exact bonds :
15-22 22-23 22-24 24-25 27-30

G1:O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:CLASS 31:CLASS
10520766a.trn

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> 13

SAMPLE SEARCH INITIATED 17:14:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 66 TO ITERATE

100.0% PROCESSED 66 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 833 TO 1807

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> 13 full

FULL SEARCH INITIATED 17:14:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1276 TO ITERATE

100.0% PROCESSED 1276 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

L5 6 SEA SSS FUL L3

=> file medline caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'MEDLINE' ENTERED AT 17:14:48 ON 20 FEB 2007

FILE 'CAPLUS' ENTERED AT 17:14:48 ON 20 FEB 2007

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=> 15

L6 5 L5

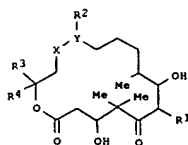
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L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2004:60497 CAPLUS
 DOCUMENT NUMBER: 140:111193
 TITLE: Novel macrocycles for the treatment of cancer
 diseases
 INVENTOR(S): Hoefle, Gerhard
 PATENT ASSIGNEE(S): Gesellschaft Fuer Biotechnologische Forschung GmbH (GBF), Germany
 SOURCE: PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007483	A1	20040122	WO 2003-EP7663	20030715
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG			
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CA 2491422	A1	20040122	CA 2003-2491422	20030715
AU 2003250957	A1	20040202	AU 2003-250957	20030715
EP 1521750	A1	20050413	EP 2003-763869	20030715
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
JP 200535669	T	20051124	JP 2004-520646	20030715
US 2006122241	A1	20060608	US 2005-520766	20050722
PRIORITY APPLN. INFO.:			DE 2002-10232094	A 20020715
			WO 2003-EP7663	W 20030715

OTHER SOURCE(S): MARPAT 140:111193
 GI

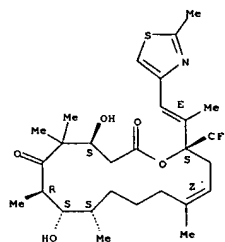
L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



AB The invention relates to novel macrocycles I [R] = C1-6-alkyl, C2-6-alkynyl, C2-6-alkenyl; R2 = H, C1-6-alkyl; XY = CH:CH, oxirane; R3 = halogen, C1-6-alkyl, C2-6-alkenyl, C1-6-heteroalkyl, CF3; R4 = bicycloaryl, bicycloheteroaryl, C(R5)=CH-R6; R5 = H, Me; R6 = substituted aryl, heteroaryl, or a pharmaceutically acceptable, salt, solvate or hydrate thereof, and to the use thereof in the treatment of cancer diseases.

IT 647835-14-1 647835-16-3
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (novel macrocyclic lactones for the treatment of cancer diseases)
 RN 647835-14-1 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione,
 4,8-dihydroxy-5,5,7,9,13-pentamethyl-16-
 [(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-16-(trifluoromethyl)-,
 (4S,7R,8S,9S,13S,16S)- (9CI) (CA INDEX NAME)

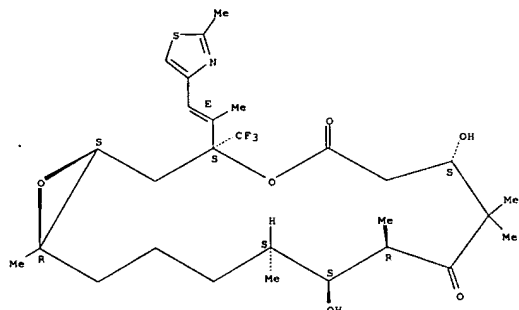
Absolute stereochemistry.
 Double bond geometry as shown.



RN 647835-16-3 CAPLUS

L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-
 8,8,10,12,16-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-
 3-(trifluoromethyl)-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

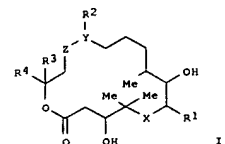


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2004:60492 CAPLUS
 DOCUMENT NUMBER: 140:111192
 TITLE: Preparation of epothilone derivatives for therapeutic
 use in the treatment of cancer and other cell
 proliferation diseases
 INVENTOR(S): Hoefle, Gerhard
 PATENT ASSIGNEE(S): Gesellschaft Fuer Biotechnologische Forschung mbH (GBF), Germany
 SOURCE: PCT Int. Appl., 12 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007476	A1	20040122	WO 2003-EP6066	20030610
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, HL, HR, NE, SN, TD, TG			
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AU 2003246409	A1	20040202	AU 2003-246409	20030610
PRIORITY APPLN. INFO.:			DE 2002-10232094	A 20020715
			WO 2003-EP6066	W 20030610

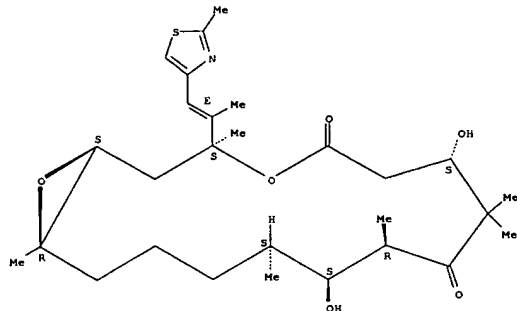
GI



AB This invention relates to the preparation of epothilone deriva., such I
 IX =
 CO, SO; X = CO, if R3 = H; Y-Z = C:CH, 2,3-oxirandiyl(epoxide) ring;
 R1 = alkyl, alkenyl; R2 = H, alkyl; R3 = H, alkyl, alkenyl; R4 = bicycloaryl, bicycloheteroaryl, C(R5)=CH-R6; R5 = H, Me; R6 = aryl, heteroaryl, and their use as antitumor and cytotoxic therapeutic agents.
 Detailed synthesis and biol. testing data was not presented.
 IT 219989-77-2P, 15-Methylepothilone B
 RL: PNU (Preparation, unclassified); THU (Therapeutic use); BIOL

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of epothilone derivs. for therapeutic use in the treatment of
 cancer and other cell proliferation diseases)
 RN 219989-77-2 CAPLUS
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-
 3,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-
 thiazolyl)ethenyl]-. (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
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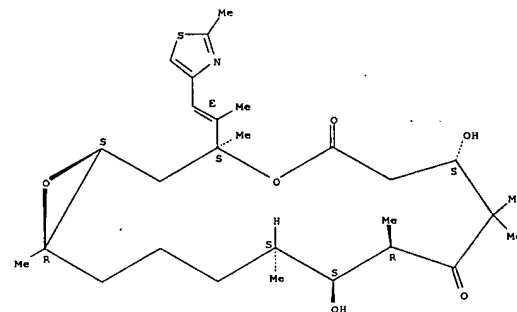
L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:716079 CAPLUS
 DOCUMENT NUMBER: 137:242152
 TITLE: Combination of epothilone analogs and
 chemotherapeutic agents for the treatment of proliferative diseases
 INVENTOR(S): Lee, Francis Y. F.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 125 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002072085	A1	20020919	WO 2002-US6746	20020305
M:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, ME, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VE, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, T2, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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US 2003073677	A1	20030417	US 2002-91061	20020305
EP 200300440	A	20031215	EE 2003-440	20020305
EP 1383490	A1	20040128	EP 2002-717548	20020305
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
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CN 1496256	A	20040512	CN 2002-806571	20020305
HU 200400203	A2	20040830	HU 2004-203	20020305
JP 2004529904	T	20040930	JP 2002-571044	20020305
BG 108137	A	20050131	BG 2003-109137	20030828
ZA 2003007123	A	20041213	ZA 2003-7123	20030911
NO 2003004056	A	20031105	NO 2003-4056	20030912
US 2004214871	A1	20041028	US 2004-850072	20040520
US 2005159461	A1	20050721	US 2004-9579	20041210
PRIORITY APPLN. INFO.:			US 2001-275801P	P 20010314
			US 2001-316395P	P 20010831
			US 2002-91061	A3 20020305
			WO 2002-US6746	W 20020305

OTHER SOURCE(S): MARPAT 137:242152
 AB The invention discloses use of a combination of epothilone analogs and antitumor agents for the treatment and prevention of proliferative disorders.
 IT 219989-77-2 219989-79-4 219989-80-7
 219989-81-8

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (combination of epothilone analogs and antitumor agents for treatment of proliferative diseases)
 RN 219989-77-2 CAPLUS
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-
 3,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-
 thiazolyl)ethenyl]-. (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

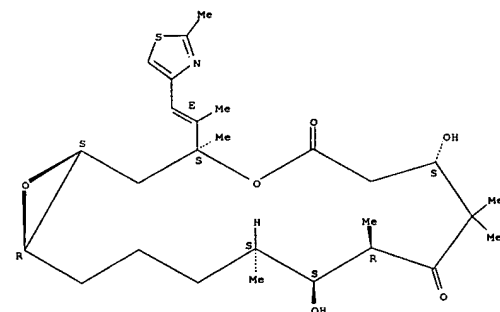
Absolute stereochemistry.
 Double bond geometry as shown.



RN 219989-79-4 CAPLUS
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione,
 7,11-dihydroxy-3,8,10,12-
 pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-.
 (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

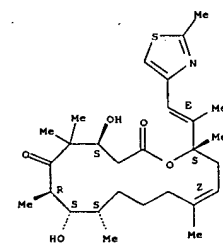
Absolute stereochemistry.
 Double bond geometry as shown.

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



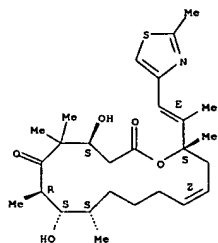
RN 219989-80-7 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-
 16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-.
 (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 219989-81-8 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione,
 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-
 [(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-. (4S,7R,8S,9S,13Z,16S)-
 (9CI) (CA INDEX NAME)

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 Absolute stereochemistry.
 Double bond geometry as shown.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:657954 CAPLUS
 DOCUMENT NUMBER: 137:195554
 TITLE: Treatment of refractory tumors using epothilone derivatives
 INVENTOR(S): Lee, Francis Y. F.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002066038	A1	20020829	WO 2002-US4255	20020206
M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, LU, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
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EE 200300396	A	20031215	EE 2003-396	20020206
HU 200303175	A2	20031229	HU 2003-3175	20020206
EP 1385529	A1	20040204	EP 2002-714855	20020206
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JP 2004522774	T	20040729	JP 2002-565596	20020206
BR 2002007487	A	20040810	BR 2002-7487	20020206
CN 1774253	A	20060517	CN 2002-805251	20020206
US 2002165258	A1	20021107	US 2002-72123	20020208
US 6686380	B2	20040203		
BG 108075	A	20050430	BG 2003-108075	20030807
ZA 2003006173	A	20041123	ZA 2003-6173	20030808
NO 2003003684	A	20031013	NO 2003-3684	20030819
PRIORITY APPLN. INFO.: US 2001-269836P F 20010220				
WO 2002-US4255 W 20020206				

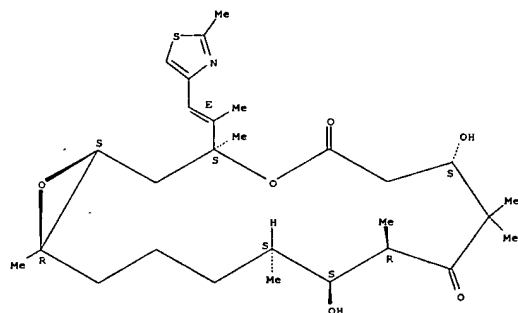
OTHER SOURCE(S): MARPAT 137:195554
 AB Methods of treating tumors in a mammal, especially a human that has demonstrated resistance to other chemotherapeutic agents, is disclosed. Specifically, methods of the present invention are effective in tumors that have initially been unresponsive to taxane therapy, or have developed resistance during the course of treatment. The methods of the present invention comprise administering epothilone derivs. selected from those represented by the formula. The subject epothilone derivs. are advantageous in addition to their enhanced potency and effectiveness against tumors that have demonstrated resistance to therapy with taxane oncol.

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 agents in that they are efficacious upon oral administration.
 IT 219989-77-2 219989-79-4 219989-80-7
 219989-81-8
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (Treatment of refractory tumors using epothilone derivs. in relation

to mechanism and drug resistance)

RN 219989-77-2 CAPLUS
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolylethenyl)]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

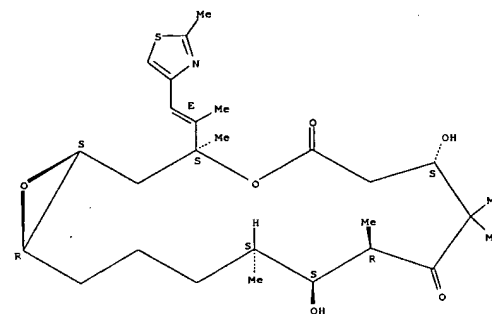
Absolute stereochemistry.
 Double bond geometry as shown.



RN 219989-79-4 CAPLUS
 CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolylethenyl)]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

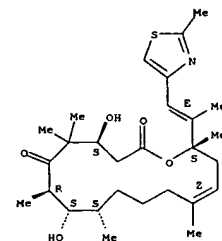
Absolute stereochemistry.
 Double bond geometry as shown.

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



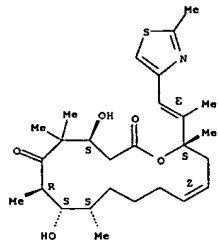
RN 219989-80-7 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolylethenyl)]-, (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 219989-81-8 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolylethenyl)]-, (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

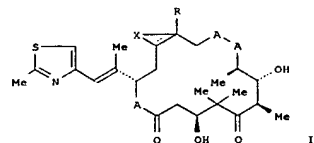
ACCESSION NUMBER: 1999:64791 CAPLUS
DOCUMENT NUMBER: 130:139205
TITLE: syntheses of epothilone derivatives and intermediates for use in treatment of hyperproliferative cellular disease
INVENTOR(S): Vite, Gregory D.; Bortilleri, Robert M.; Kim, Soong-hoon; Johnson, James A.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9902514	A2	19990121	WO 1998-US12550	19980616
WO 9902514	A3	20010510		
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US 6605599	B1	20030812	US 1998-84542	19980526
CA 2296012	A1	19990121	CA 1998-2296012	19980616
AU 9879720	A	19990208	AU 1998-79720	19980616
AU 731497	B2	20010329		
EP 1019389	A2	20000719	EP 1998-930300	19980616
EP 1019389	B1	20051109		
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EE 200000013	A	20000815	EE 2000-13	19980616
EE 4566	B1	20051215		
TR 200000065	T2	20001121	TR 2000-200000065	19980616
NZ 501198	A	20010928	NZ 1998-501198	19980616
JP 2002512634	T	20020423	JP 1999-508673	19980616
HU 200103111	A2	20020429	HU 2001-3111	19980616
RU 2213741	C2	20031010	RU 2000-102893	19980616
EP 1493738	A1	20050105	EP 2004-21059	19980616
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EP 1531153	A1	20050518	EP 2004-28581	19980616
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AT 309236	T	20051115	AT 1998-930300	19980616
IL 133613	A	20051120	IL 1998-133613	19980616
RO 120340	B1	20051230	RO 1999-1332	19980616

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
ES 2251088 T3 20060416 ES 1998-930300 19980616
TW 562802 B 20031121 TW 1998-87110722 19980702
ZA 9805938 A 20000110 ZA 1999-5938 19980706
MX 9911452 A 20000630 MX 1999-11452 19991209
LT 4743 B 20001227 LT 1999-153 19991223
NO 2000000076 A 20000107 NO 2000-76 20000107
NO 322494 B1 20061016
BG 64952 B1 20061031 BG 2000-104068 20000110
LV 12569 B 20010420 LV 2000-17 20000202
HK 1026905 A1 20060331 HK 2000-106086 20000926
US 2003220295 A1 20031127 US 2003-405886 20030403
US 7125899 B2 20061024
US 2006287371 A1 20061221 US 2006-512623 20060830
US 1997-51951P P 19970708
US 1997-67524P P 19971204
US 1998-84542 A1 19980526
EP 1998-930300 A3 19980616
WO 1998-US12550 W 19980616
US 2003-405886 A1 20030403

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 130:139205
GI.



AB Syntheses of epothilone derivs. (I) (R = H, Me; A = CH₂, O, NH; X = H when

bond double, u-epoxy when bond single) and intermediates for use in treatment of hyperproliferative cellular disease are described.

IT 219989-77-2 219989-79-4 219989-80-7

219989-81-8

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological

study, unclassified); THU (Therapeutic use); BIOL (Biological study);

USES

(Uses)

(syntheses of epothilone analogs and intermediates for use in

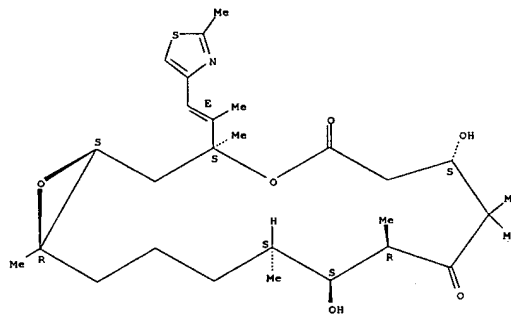
treatment of hyperproliferative cellular disease)

RN 219989-77-2 CAPLUS

CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
thiazolylethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



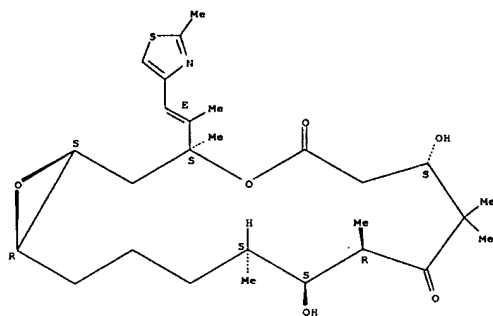
RN 219989-79-4 CAPLUS

CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione,

7,11-dihydroxy-3,8,10,12-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolylethenyl)]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

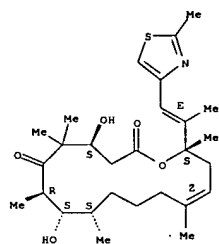
Absolute stereochemistry.
Double bond geometry as shown.

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 219989-80-7 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-(9CI) (CA INDEX NAME)

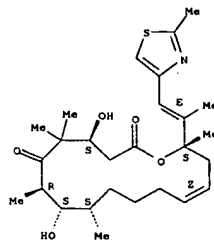
Absolute stereochemistry.
 Double bond geometry as shown.



RN 219989-81-8 CAPLUS
 CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-(9CI) (CA INDEX NAME)

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 [(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

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ENTRY

SESSION

CA SUBSCRIBER PRICE

-3.90

-3.90

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